

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, office address and citizenship are as stated below next to my name:

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

1. System and Method For Fingerprint Image Enhancement Using Partitioned Least-Squared Filters

the specification of which (check one)

☐ is attached hereto.

☒ X was filed on August 31, 2001 as United States Application Number

or PCT International Application Number 09/943,896

and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

For Foreign Application(s)	Priority Claimed
(Number) _____ (Country) _____ (Day/Month/Year Filed) _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number) _____ (Country) _____ (Day/Month/Year Filed) _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number) _____ (Country) _____ (Day/Month/Year Filed) _____	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
60/229,688	September 1, 2000	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Manny W. Schecter (Reg. 31,722), Lauren Bruzzone (Reg. 35,082), Christopher A. Hughes (Reg. 26,914), Edward A. Pennington (Reg. 32,588), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Louis P. Herzberg Reg. 41,500), Derek Jennings (Reg. 41,473), (Stephen C. Kaufman (Reg. 29,551), Daniel P. Morris (Reg. 32,053), Paul J. Otterstedt (Reg. 37,411), Louis J. Percello (Reg. 33,206), David M. Shofi (Reg. 39,835), Robert M. Trepp (Reg. 25,933), Wayne L. Ellenbogen (Reg. 43,602), Marian Underwiser (46,134) and Gail Zarick (43, 303).

Send Correspondence to: Louis J. Percello, Intellectual Property Law Dept.

IBM Corporation, P.O. Box 218, Yorktown Heights, New York 10598

Direct Telephone Calls to: (name and telephone number) Louis J. Percello (914) 945-3145

RUDOLF M. BOLLE
Full name of sole or first inventor

Inventor's Signature _____ Date _____

83 Nottingham Road, Bedford Hills, New York 10507
Residence

Netherlands

Citizenship

Same as above

Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATIONSUGATA GHOSALFull name of second joint-inventor, if anySugata Ghosal
Inventor's signatureNov. 26, 2001
DateJ-230 2ND FLOOR, SAKET, NEW DELHI 110017, INDIAResidenceIndiaCitizenshipPost Office AddressSARATHCHANDRA PANKANTIFull name of third joint-inventor, if anyInventor's signatureDateDE-28 Barker Street, Mount Kisco, New York 10549ResidenceIndiaCitizenshipPost Office AddressNALINI RATHAFull name of fourth joint-inventor, if anyInventor's signatureDate14 Granada Crescent, Apt. #17, White Plains, NY 10603ResidenceIndiaCitizenshipsame as abovePost Office AddressRAGHAVENDRA U. UDUPAFull name of fifth joint-inventor, if anyRaghu
Inventor's signature11-27-2001
DateC201, SARVODAYA ENCLAVE, NEW DELHI, -110 017, INDIAResidenceIndiaCitizenshipPost Office AddressFull name of sixth joint inventor, if anyInventor's SignatureDateResidenceCitizenshipPost Office Address

DECLARATION AND OATH OF ATTORNEY FOR PATENT APPLICATION

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Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

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(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

60/229,688	September 1, 2000	
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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Send Correspondence to: Louis J. Percello, Intellectual Property Law Dept.IBM Corporation, P.O. Box 218, Yorktown Heights, New York 10598Direct Telephone Calls to: (name and telephone number) Louis J. Percello(914) 945-3145RUDOLF M. BOLLE

Full name of sole or first inventor

Inventor's Signature

Date

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Residence

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Citizenship

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DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATIONSUGATA GHOSAL

Full name of second joint-inventor, if any

Inventor's signature

Date

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Citizenship

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Inventor's signature

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NALINI RATHA

Full name of fourth joint-inventor, if any

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RAGHAVENDRA U. UDUPA

Full name of fifth joint-inventor, if any

Inventor's signature

Date

C201, SARVODAYA ENCLAVE, NEW DELHI, -110 017, INDIA
ResidenceIndia

Citizenship

Post Office Address

Full name of sixth joint inventor, if any

Inventor's Signature

Date

Residence

Citizenship

Post Office Address